

Title (en)  
METHOD FOR HONING BORES

Title (de)  
VERFAHREN ZUM HONEN VON BOHRUNGEN

Title (fr)  
PROCEDE A HONER D'ALESAGES

Publication  
**EP 0535201 B1 19970102 (DE)**

Application  
**EP 92908731 A 19920415**

Priority  

- EP 92908731 A 19920415
- EP 9200844 W 19920415
- EP 91106010 A 19910416

Abstract (en)  
[origin: WO9218287A1] The honing tool proposed in designed for roughing down the end zones of bores. Prior art honing tools of this type are used to rough-hone blind-end bores near the bottom of the bore. Here the end of the bore is honed with short tool strokes, the honing stones used being very short compared with the depth of the bore and the length of the tool. In order, nevertheless, to brace the honing tool sufficiently in the bore (2) and thus ensure correct alignment of the tool, the honing tool proposed has guide bars (25) which extend over the outside of the honing stones (17). The tool can also be used to rough down the upper ends of bores whose upper boundary plane is inclined at an angle to the bore axis or which have unsymmetrical constrictions at the end.

IPC 1-7  
**B24B 33/08**

IPC 8 full level  
**B24B 33/08** (2006.01)

CPC (source: EP)  
**B24B 33/084** (2013.01); **B24B 33/10** (2013.01)

Cited by  
CN107107301A; DE10358150B4; CN104400613A; DE102015201765B3; DE102007045607A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**WO 9218287 A1 19921029**; DE 59207798 D1 19970213; EP 0535201 A1 19930407; EP 0535201 B1 19970102; ES 2097324 T3 19970401

DOCDB simple family (application)  
**EP 9200844 W 19920415**; DE 59207798 T 19920415; EP 92908731 A 19920415; ES 92908731 T 19920415